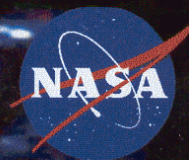




National Space Science & Technology Center
320 Sparkman Drive, Huntsville, Alabama 35805



National Aeronautics and Space Administration

Definition Workshop for the Deep Space Test-Bed

A workshop is being organized to provide inputs for the design of NASA's Balloon-borne Deep Space Test-Bed (DSTB). The workshop will gather engineering requirements from potential users of the DSTB and initiate coordination between the user community and the DSTB designers and operations team. The focus will be on identifying the requirements of individual investigations that may be conducted on the DSTB gondola and identifying requirements for the ground support facilities. It will also provide potential users with information concerning sub-orbital polar balloon flights and operations.

OBJECTIVES of the DSTB

- 1) Provide a platform for direct exposure to the full composition of Galactic cosmic rays and energy spectrum.
- 2) Enable experimental validation of NASA's radiation transport codes in a realistic environment
- 3) Test shielding effectiveness of typical as well as novel spacecraft materials
- 4) Test new radiation monitoring instrumentation
- 5) Measure the incident and induced radiation fields

Location: NSSTC in Huntsville, Alabama

Dates: June 9-10, 2003

Additional information regarding the DSTB meeting and further organizational details will be provided through follow-up mailings and posted on the DSTB web site (<http://sd.msfc.nasa.gov/cosmicray/DSTB/DSTB.htm>). Prospective users can be added to the distribution list by sending their names and institutional affiliations to DSTB@MSFC.NASA.GOV.

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